

PUBLIC WORKS

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SOCIETIES

Affiliated Technical Societies, Boston June
 American Association of Engineers Aug.
 Association of State Highway Officials Jan., Dec.
 Engineering Council. Feb., March
 Public Health Association Nov.
 Road Builders' Association Feb., July, Oct.
 Road Builders' Association Convention; Road Show and Aug., Dec.
 Road Show at Chicago Jan.
 Society for Municipal Improvements April, Oct.
 Society for Municipal Improvements, Joint Smoker in Boston Sept.
 Society for Steel Treating Sept.
 Society for Testing Materials June
 Society of Civil Engineers June, Sept.
 Society of Civil Engineers, New York Section June
 Society of Civil Engineers, Northeastern Section Jan.
 Society of Mechanical Engineers June, Nov.
 Society of Mechanical Engineers, Boston Section Oct.
 Waterworks Association Jan.
 Waterworks Association, Illinois Section March, April
 Waterworks Association, New York Section April
 Waterworks Association, North Carolina Section Jan.
 Waterworks Association, Transportation Arrangements April
 Architectural and Engineering Societies, Minnesota Federation of March

Asphalt Conference Nov.
 Associated General Contractors, Jan., Feb., Nov.
 Boston Affiliated Technical Societies April, June
 Section, American Society of Mechanical Engineers Oct.
 Society of Civil Engineers Feb., April
 Brick Manufacturers' Association, National Paving Dec.
 Canada; Engineering Institute of. Feb.
 Chattanooga Engineers' Club April
 City Managers' Association. Jan., June
 Cornell Conference on Highway Engineering Jan.
 Drainage Congress; National Feb.
 Engineering Education; Society for Promotion of July
 Institute of Canada Feb.
 Engineers' Club of Philadelphia. Jan.
 Engineers' Society of Pennsylvania, June
 Society of Western Pennsylvania Sept.
 Health Association; American Public Nov.
 Highway Research Board Nov., Dec.
 Highway Traffic Association; National Nov.
 Illinois Section, American Waterworks Association. March
 Indiana Engineering Society March
 International Conference of Sanitary Engineers Aug.
 Iowa Conference on Sewage Treatment Oct.
 Engineering Society Jan.
 Section, A. W. W. A. Dec.
 Joint Smoker in Boston Sept.
 League of California Municipalities, Jan.
 of Texas Municipalities July
 "Management Week"; Societies Support Aug.
 Mechanical Engineers; American Society of June, Nov.
 Michigan Engineering Society March
 Minnesota Federation of Architectural and Engineering Societies March
 National Drainage Congress Feb.
 Fire Protection Association, March
 Highway Traffic Association, Nov., Dec.
 National Paving Brick Manufacturers' Association Dec.
 New England Waterworks Association, Jan., Feb., March, June, Oct., Dec.
 Waterworks Convention Sept.
 New Jersey Sanitary Association. Dec.
 New Jersey Sewage Works Association April
 State Highway Association. Aug.
 State Highway Convention. Jan.
 New York Section, A. S. C. E. June
 Section, A. W. W. A. April
 State Road Builders' Association March
 North Carolina Section, A. W. W. A. Jan.
 Northeastern Section, A. S. C. E. Jan.
 Ohio Engineering Society March
 Paving Brick Manufacturers Association, National Dec.
 Portland Cement Association March
 Public Health Association, American Nov.
 Roadbuilders' Association, American Feb., Oct.
 Association, New York State March
 Road Show and A. R. B. A. Convention Aug.
 Sanitary Conference June
 Engineers, International Conference of Aug.
 Sewage Treatment, Iowa Conference on Oct.
 Works Association, New Jersey April
 Societies Support "Management Week" Aug.
 Society for Promotion of Engineering Education July
 Southwest Waterworks Association, Aug., Oct.
 State Highway Officials; Western Society of Sept.
 Steel Treating; American Society for Sept.
 Technical Societies; Boston Affiliated April
 Testing Materials; American Society for June
 Texas Municipalities; League of July
 Traffic Association, National Highway Nov.
 Waterworks Manufacturers' Association Feb.
 Western Society of Engineers Feb.
 Society of State Highway Officials Sept.
 Wisconsin Society of Engineers. March
 NEW APPLIANCES

Acme Pony Roller Oct.
 Air Brakes on Tractors March
 Air Compressor; Curtis-Fordson. Jan.
 Air Compressors; Improvements in Sullivan March
 Air Compressor; Ingersoll-Rand Portable Aug.
 Air Compressor; Schramm Portable, Feb.
 Ak-Wa-Felt Feb.
 Aldrich Road Pumps Nov.
 Aluminite Street Markers April
 American "Bobby" Nov.
 American Engineering Co. Hoist for Low Head Room Oct.
 American Manganese Steel Co. Trench Machine Parts Nov.
 Anthony Shovel Crane Oct.
 Armstrong Steam Trap Dec.
 Asphalt and Sand Mixer Dec.
 Asphalt Concrete Paving Blocks Oct.
 Asphalt; Crown Rock Nov.
 Asphalt Heater; Hotstuf April
 Asphalt Kettle; Merrill Oct.
 Asphalt Mixer; Finley Feb.
 Asphalt Plant; Mosher 2-Unit Jan.
 Austin Belt Conveyors July
 Austin Motor Grader Nov.
 Austin-Western, Austin Motor Grader Nov.
 Automatic Traffic Cop Dec.
 Axle for Littleford Heaters; Cushioned April
 Back-Dump Bucket Jan.
 Backfiller; Baker Dec.
 Bag Cleaner, Cement June
 Baker Backfiller Oct.
 Baker Snow Plows Sept.
 Barber-Greene Vertical Boom Ditcher April
 Bay City Skimmer Scoop June
 Beacon, Flashing Traffic Jan.
 Belt Conveyors, Austin July
 Bin for Concrete Aggregate Dec.
 "Bobby," American Nov.
 Bodies, Heil Dump Jan.
 Body, General Utility Oct.
 Body, Mandt Refuse Aug.
 Brakes on Tractors, Air March
 Branding Outfit, Everhot Sept.
 Bucket, Back-Dump Jan.
 "Bull-Dozer," LaPlant-Choate Sept.
 Butler Equipment Co.—Bin for Concrete Aggregate Dec.
 Cables, Parkway April
 Calcium Chloride for Concrete Roads June
 Can, Ornamental Litter Feb.
 Car Chute, Dow Jan.
 Carey Rail Filler Sept.
 Carr, New Formgrader Sept.
 Cast-Iron Pipe, Cement Lining for. June
 Catchbasin Inlet Sept.
 "Celite" for Concrete June
 Cement Bag Cleaner June
 Cement Lining for c. i. Pipe June
 Centrifugal Pumps, Union Feb.
 Chemical Indicators Dec.
 Chip and Sand Spreader July
 Chloride for Concrete Roads, Calcium June
 Chlorinating Apparatus, Paradon Dec.
 Chute, Dow Car Jan.
 Cleaner, Cement Bag June
 Clutch for Fordson, Pulley Jan.
 Compensator for Induction Motors, Starting Oct.
 Compressor, Curtis-Fordson Air. Jan.
 Compressor, Ingersoll-Rand Portable Air Aug.
 Compressor, Schramm Portable Air, Feb.
 Compressor-Tractor, Schramm April
 Compressors, Improvements in Sullivan Air March
 Concrete Aggregate, Bin for Dec.
 Concrete, "Celite" for June
 Concrete Mixers, "Mixrite" March
 Concrete Roads, Calcium Chloride for June
 Concrete Surfaces, "Contex" for Oct.
 "Con-Tex" for Concrete Surfaces. Oct.

Contraction Joint, Truscon Dowel	Sept.	Power Maker, Denison	Dec.
Conveyors, Austin Belt	July	Primer, Red Lead-Graphite	Aug.
Conveyors, "Northern"	July	Pulley Clutch for Fordson	Jan.
Cook Motor Co.—Denison Power Maker	Dec.	Pump, Edson Manhole	Aug.
Corduroy Cranes, P. & H.	Jan.	Pump, New Edson Diaphragm	June
Coupling, DeLaval Flexible	Jan.	Pump Valves, Sims	June
Crane, Anthony Shovel	Oct.	Pumps, Aldrich Road	Nov.
Crane, Industrial Crawling Tractor	Oct.	Pumps, Union Centrifugal	Feb.
Crane, O. & S. New Truck	June	Pusher, Giant Pipe	Oct.
Cranes, P. & H. Corduroy	Jan.	Rail Filler, Carey	Sept.
Crawling Tractor Crane, Industrial	Oct.	Ram's Horn Meter Frame	Aug.
Crown Rock Asphalt	Nov.	Red Lead-Graphite Primer	Aug.
Crushing and Screening Plant, Russell	March	Refractors, Street Lamp, Holophane	
Crushing Plant, Model Telsmith	Feb.	Refuse Body, Mandt	Nov.
Curtis-Fordson Air Compressor	Jan.	Refuse Dump Wagon	Dec.
Cushioned Axle for Littleford Heat-ers	April	Refuse Vehicles	July
Dalmeo Saw Rig	Feb.	Revolving Sewage Screen	April
DeLaval Flexible Coupling	Jan.	Riveting Hammer, New	Jan.
Denison Power Maker	Dec.	Rix Fordson Digger	July
"Dependable" Truck Hoist	Oct.	Road Builders' Truck	Dec.
Diaphragm Pump, New Edson	June	Road Finisher, Heltzel Hand Oper-ated	July
Digger, Post Hole	April	Road Fixer, Jarmin	March
Digger, Rix Fordson	July	Road Form, Improved Heltzel	April
Ditcher, Barber-Greene Vertical Boom	April	Road Grader, Little Winner	June
Domestic Engines	April	Road Machine, Gilbert	March
Dow Car Chute	Jan.	Road Machinery, Jumbo	March
Dowel Contraction Joint, Truscon	Sept.	Road Maintainer, Havelock	April
Dubuque Foundry Corp. Catch Basin Inlet	Sept.	Road Maintainer, Jones	Jan.
Dump Bodies, Hell	Jan.	Road Oilers, Etnyre	March
Dump Wagon, Refuse	Dec.	Road Plow No. 1, Oliver	July
Edson Diaphragm Pump, New	June	Road Pumps, Aldrich	Nov.
Edson Manhole Pump	Aug.	Road Roller, Galloway, Jr.	July
Elkhart Traffic Guide	June	Rock Asphalt, Crown	Nov.
Engine, Jackson Petroleum	March	Roller, Acme Pony	Oct.
Engines, Domestic	April	Roller, Galloway, Jr., Road	July
Engines, Witte	June	Roller, Huber Motor	March
Etnyre Road Oilers	March	Rotary Sand Heater, Portable	April
Everhot Branding Outfit	Sept.	Russell Crushing and Screening Plant	March
Excavator, Insley	Dec.	R. W. Screen, Improved	Oct.
Excavator, P. & H. Model 206	Sept.	Sand Heater, Portable Rotary	April
Expansion Joint, Hoosier	March	Sand Mixer, Asphalt and	Dec.
Filler, Carey Rail	Sept.	Sand Spreader, Chip and	July
Finisher, Heltzel Hand-Operated Road	July	Sanitation Corporation Improved R. W. Screen	Oct.
Finley Asphalt Mixer	Feb.	Saw Rig, Dalmeo	Feb.
Flashing Traffic Beacon	Jan.	Schramm Compressor-Tractor	April
Flexible Coupling, DeLaval	Jan.	Schramm Portable Air Compressor	Feb.
Fordson, Pulley Clutch for	Jan.	Scoop, Bay City Skimmer	June
Fordson Scraper, Miami	Feb.	Scraper, Miami Fordson	Feb.
Ford Service Plug	Sept.	Screen, Improved R. W.	Oct.
Formgrader, New	Sept.	Screen, Link-Belt's New Vibrating	April
Form, Improved Heltzel Road	April	Screen, Revolving Sewage	April
Four-Wheel Drive Truck, Oshkosh	March	Screening Plant, Russell Crushing and	March
Furnaces, Stokers for Small	Aug.	Service Pipe, Copper	Nov.
F. W. D. Truck Winch	Nov.	Service Plug, Ford	Sept.
Gallion, Jr., Road Roller	July	Sewage Screen, Revolving	April
Gasoline Shovel, Link-Belt	March	Sewer Trenching Shovel, Osgood	July
General Utility Body	Oct.	Shovel, Crane, Anthony	Oct.
Giant Pipe Pusher	Oct.	Shovel, Keystone 1924	Feb.
Gilbert Road Machine	March	Shovel, Koehring, Heavy-Duty	July
Grader, Austin Motor	Nov.	Shovel, Link-Belt Gasoline	March
Grader, Little Winner Road	June	Shovel, Osgood Sewer Trenching	July
Graders, Leaning Wheel	Oct.	Signal, Griswold Safety, American "Bobby"	Nov.
Griswold Safety Signal, American "Bobby"	Nov.	Signal Lanterns, N-L	Nov.
Guard, Page "Hi-Way"	April	Signals, Stop and Go	June
Guide, Elkhart Traffic	June	Sims Pump Valves	June
Guides, "Wrico" Lettering	Aug.	Siyver Steel Casting Co. "Truk-Trak"	Oct.
Havelock Road Maintainer	April	Skimmer Scoop, Bay City	June
Heater, Hotstuf Asphalt	April	Snow Plows, Baker	Sept.
Heater, Portable Rotary Sand	April	Spreader, Chip and Sand	July
Heaters, Cushioned Axle for Littleford	April	Starting Compensator for Induction Motors	Oct.
Heavy-Duty Mixer, Koehring	Aug.	Steam Trap, Armstrong	Dec.
Heavy-Duty Shovel, Koehring	July	Stokers for Small Furnaces	Aug.
Heavy-Duty Trailers	Jan.	Stop and Go Signals	June
Heil Dump Bodies	Jan.	Street Lamp Refractors	Nov.
Heltzel Hand-Operated Road Finisher	July	Street Markers, Aluminite	April
Heltzel Road Form, Improved	April	Strike-Off, Heltzel Subgrader and	March
Heltzel Sub-Grader and Strike-Off	March	Strike-Off, New	Feb.
Highway Lighting Unit	Jan.	Subgrader and Strike-Off, Heltzel	March
Highway Mower	April	Sullivan Air Compressors, Improve-ments in	March
"Hi-Way Guard," Page	April	Telsmith Crushing Plant, Model	Feb.
Hoist, "Dependable" Truck	Oct.	Tractor Crane, Industrial Crawling	Oct.
Hoist for Low Head Room	Oct.	Tractor, J. T.	Sept.
Holophane Glass Co. Street Lamp Refractors	Nov.	Tractor, Schramm Compressor	April
Holzbog, Geo. H. & Bro.—Refuse Dump Wagon	Dec.	Tractor Winch	Jan.
Hoosier Expansion Joint	March	Tractors, Air Brakes on	March
Hotstuf Asphalt Heater	April	Traffic Beacon, Flashing	Jan.
Huber Motor Roller	March	Traffic Con. Automatic	Dec.
Hug Trucks	June	Traffic Guide, Elkhart	June
Indiana Truck Co.; Road Builders Truck	Dec.	Traffic Signal, Interflash	June
Indicators, Chemical	Dec.	Trailers, Heavy Duty	Jan.
Induction Motors, Starting Compensator for	Oct.	Trail-Ford Trucks	Oct.
		Trap, Armstrong Steam	Dec.
		Trench Machine Parts	Nov.
		Trenching Shovel, Osgood Sewer	July
		Truck Crane, O. & S. New	June
		Truck Hoist, "Dependable"	Oct.
		Truck, Oshkosh 4-Wheel Drive	March
		Truck, Roadbuilders'	Dec.

Truck Winch, F. W. D. Nov.
 Trucks, Hug June
 Trucks, Trail-Ford Oct.
 "Truk-Trak" Oct.
 Truscon Dowel Contraction Joint. Sept.
 Two-Unit Asphalt Plant, Mosher. Jan.
 Union Centrifugal Pumps. Feb.
 Union Iron Works—Asphalt and Sand Mixer. Dec.
 Valves, Sims Pump. June
 Vehicles, Refuse. July
 Vertical Boom Ditcher, Barber-Greene. April
 Vibrating Screen, Link-Belt's New. April
 Wagon, Refuse Dump. Dec.
 Winch, F. W. D. Truck. Nov.
 Winch, Tractor. Jan.
 Winner, Little Road Grader. June
 Witte Engines. June
 "Wrico" Lettering Guides. Aug.

INDUSTRIAL NEWS

Adams & Co., New Plant for. March
 Allentown's Steam Turbine Plant. April
 American Armor Corporation. June
 American Face Brick Association.
 Clay Products Institute. Nov.
 American Vibroolithic Corporation. Nov.
 Annual Mueller Co. Picnic. Sept.
 Asphalt Association Field Engineers. Aug.
 Asphalt Conference, 3rd Annual. Sept.
 Asphalt Macadam Base. July
 Asphalt Producing Plant, Pullar. Feb.
 Austin Machinery Corporation. Nov.
 Avery Company. Jan.
 Barber-Greene Snow Loaders. Nov.
 Base, Asphalt-Macadam. July
 Belt Conveyor, Reduction in Price of. Feb.
 Blaw Knox Co. Nov.
 Block Pavements, Resurfacing Brick and. April
 Brick and Block Pavements, Resurfacing. April
 Brick Association, American Face, Clay Products Institute. Nov.
 Brick Industry, Paving. Feb.
 Brick Kilns, Operating. March
 Brick Manufacturers' Association.
 Illinois, Paving. Nov.
 Brick Paving in Western District. Feb.
 Brick Paving Specifications. March
 Brick Shipments, Paving. Jan.
 Byers Machine Co. Sept.
 Cameron-Spouse Mfg. Co. April
 Caterpillar Distributors.
 Aug., Nov., Dec.
 Caterpillar Service School. April
 Cement Association Offices. April
 Chain Belt Co., Officers. July
 Chain Belt Distributor in New York City. Sept.
 Chausse Fire Wagon Shipments. June
 Chausse Oil Burner Co. April, Oct.
 Clarifiers for Chicago, Dorr. April
 Clay Products Institute. Nov.
 Compressed Air Standards. Jan.
 Corrugated Bar Company. March
 Caterpillars, Iowa Distributors of. Oct.

DeLaval Representatives. Aug.
 DeLaval Steam Turbine Co. July
 Direct Oxidation Corporation. Feb.
 Direct Oxidation Process. July
 Dorr Co. Director. Feb.
 Dorr Co. Notes. June
 Dorco Screens in California. July
 DuPont Wins Grand Prize. Feb.
 Dynamite at 35 Degrees Below Zero. March
 Eastern Paving Brick Mfrs. Association. Jan.
 Easton Car & Construction Co. April
 Electric Truck Exhibit. April
 Electric Truck School. Jan.
 Electric Truck Show. March
 Exposition of Inventions. July
 Fire Wagon Shipments, Chausse. June
 Ford General Utility Truck. Feb.
 Frog, Traffic Reflection. Feb.
 General Motors Truck Sales. April
 Gravel Roads, Resurfacing Macadam and. Dec.
 Gravel Screen, Jumbo. Feb.
 Grease Cup, "Hex-Top". Aug.
 Heil Mechanical Hoist. Oct.
 Heltzel Road Finisher. Feb.
 Heltzel Road Forms for Florida. April
 "Hex-Top" Grease Cup. Aug.
 Hoist, Hell Mechanical. Oct.
 Holt Distributor for Nebraska. Sept.
 Holt Mfg. Company. Jan.
 Holt Mfg. Co., Caterpillar Distributors. Aug., Oct., Nov., Dec.
 Illinois Paving Brick Mfrs. Assoc. Nov.
 Industrial Works Representative. July
 Ingersoll-Rand Co. June
 Inventions, Exposition of. July
 Johnson Trackpull. Feb.
 J. T. Tractor Co. Nov.
 Jumbo Gravel Screen. Feb.
 Kilns, Operating Brick. March
 Lead-Hydro-Tite Co. April
 Lighting Catalogues, Street. April
 Lighting Co., Welsbach Street. Aug.
 Link-Belt Calendar. Jan.
 Link-Belt Co., Organization, Change in. Aug.
 Link-Belt Co. Warehouse. Dec.
 Macadam and Gravel Roads, Resurfacing. Dec.
 Massey Concrete Products Plant Purchased by Geo. Cutter Works. July
 Maury & Gordon. April
 Mechanical Hoist, Heil. Oct.
 Mechanical Stoker Catalogue. Nov.
 Metcalf & Eddy. March
 Meters for Porto Rico, Water. April
 Mueller Co. Picnic, Annual. Sept.
 Non-Stop Record for Diesel Engine. March
 Northwest Engineering Co. June
 Oil Burner Co., Chausse. April, Oct.
 Operating Brick Kilns. March
 Osgood Shovels, 52 Years of. Dec.
 Pavements, Resurfacing Brick and Block. April
 Paving Brick Industry. Feb.
 Paving Brick Mfrs. Assoc., Illinois. Nov.
 Paving Brick Mfrs. Assoc., Join the Natl. Assoc., Western. April
 Paving Brick Shipments. Jan.
 Paving, Street Railway. March
 Pawling & Harnischfger Co. Nov., Dec.
 Pawling & Harnischfger Co.'s Southern Offices. Feb.
 P. & H. Foundry, New. Sept.
 P. & H. Representative, New. Aug.
 P. H. Shovel as a Wader. Jan.
 Pearse, Greeley & Hansen. April
 Pittsburgh Testing Laboratory. June
 Portland Cement Assoc. June
 Pullar Asphalt Producing Plant. Feb.
 Pump Patent Upheld, Wood. April
 Pump, Wood Trash and Sewage. Oct.
 Republic Truck Distributors. Sept.
 Resurfacing Brick and Block Pavements. April
 Resurfacing Macadam and Gravel Roads. Dec.
 Road Finisher, Heltzel. Feb.
 Road Forms for Florida, Heltzel. April
 Screen, Jumbo Gravel. Feb.
 Screens, Sewage, for Milwaukee. April
 Service School, Caterpillar. April
 Sewage Pump, Wood Trash and. Oct.
 Sewage Screens for Milwaukee. April
 Shovels, 52 Years of Osgood. Dec.
 Snow Loaders—Barber-Greene. Nov.
 Steam Turbine Plant, Allentown's.
 Stoker Catalogue, Mechanical. April
 Storing Industrial Coal. July
 Street Lighting Catalogues. April
 Street Lighting Co., Welsbach. Aug.
 Street Railway Paving. March
 Subgrade Truck, Titan. Feb.
 Sullivan Machinery Co. March
 Testing Laboratory, Pittsburgh. June
 Texas Co.—Resurfacing Macadam and Gravel Roads. Dec.
 Third Annual Asphalt Conference. Sept.
 Titan Subgrade Truck. Feb.
 Trackpull, Johnson. Feb.
 Tractor Co., J. T. Nov.
 Traffic Reflection Frog. Feb.
 Trash and Sewage Pump, Wood. Oct.
 Truck Exhibit, Electric. April
 Truck, Ford General Utility. Feb.
 Truck Sales, General Motors. April
 Truck School, Electric. Jan.
 Truck Show, Electric. March
 Truck, Titan Subgrade. Feb.
 U. S. Cast-Iron Pipe & Foundry Co. Jan.
 Vibroolithic Corp., American. Nov.
 Water Meters for Porto Rico. April
 Waterworks Mfrs. Exhibit. April
 Welsbach Street Lighting Co. Aug.
 Western-Enterprise Merger. Nov.
 Western Paving Brick Manufacturers' Association Joins the National Association. April
 Wood Pump Patent Upheld. April
 Wood Trash and Sewage Pump. Oct.

